Online Library Framework Edition

AD/Cycle Collection

June, 1993

SK2T-1237-04

Note!

Before using this information and the products it supports, be sure to read the general information in "Notices" on page vii.

Fifth Edition (June 1993)

This edition applies to the IBM* Online Library: AD/Cycle Collection, SK2T-1237-04.

This edition replaces and makes obsolete the previous edition, SK2T-1237-03 and *IBM Online Library: AD/Cycle Framework, Platform, and Tools,* SK2T-1238-02.

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SCRTENG.AGR	IBM Softcopy Receiver Tool programs
BOOKENG.AGR	Online book files

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About This CD-ROM

This kit contains online books for products that are part of the AD/Cycle Collection. This allows you to use a large number of publications online without handling many individual product libraries on many CD-ROMs and tapes.

This edition replaces and makes obsolete the previous edition, SK2T-1237-03 and *IBM Online Library: AD/Cycle Framework, Platform, and Tools,* SK2T-1238-02.

The CD-ROM contains the following files:

- An AD/Cycle interactive presentation.
- Online book files.
- A bookshelf and a bookshelf search index for each library.
- A README file that is an ASCII version of this booklet. This file has been formatted to use a monospace font when displayed.
- CKITLIST.TXT, an ASCII file containing information about what collection kits are available and how to order them.
- The IBM SAA* BookManager Library Reader*/2 and IBM BookManager Library Reader/DOS, which are *limited* editions of the IBM BookManager READ/2 and READ/DOS licensed programs. The IBM Library Reader programs let you read and search any IBM book specifically enabled by IBM for the IBM Library Reader programs. Books distributed on CD-ROM by IBM beginning with the *IBM Online Library Starter Kit* are enabled for the IBM Library Reader programs.
- A program that installs an IBM Library Reader program, sets up the BookManager book and bookshelf search path, and writes OS/2 Group entries.
- The IBM Bookshelf Upload Program that lets you upload individual bookshelves of IBM books to an MVS or VM host from any host-attached PS/2* workstation.
- The IBM Softcopy Receiver Tool (SCRT), Version 1.2, program number 5648-032. The SCRT allows you to select online bookshelves and books from a CD-ROM and transfer them to host DASD or a workstation hard disk. The host version runs on MVS and VM; the work-

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station version runs on OS/2 and DOS as well as an OS/2 or DOS LAN server. The SCRT includes:

- An SCRT program for MVS, VM, OS/2, and DOS
- A BKSADD EXEC for MVS users.

This CD-ROM contains the following information about the SCRT:

- The *IBM Softcopy Receiver Tool User's Guide,* GC23-3663-02
- A READSCRT.TXT file, an abbreviated ASCII version of the *IBM Softcopy Receiver Tool Users 's Guide,*
- Instructions for using the SCRT on your workstation, "Receiving Books and Bookshelves Using the SCRT" on page 67.

Notes:

1. All books on this CD-ROM appear in the English language.
2. The book files on this CD-ROM were created with BookManager* BUILD 1.2. You need either BookManager READ Version 1.2 (or higher) or the IBM Library Reader programs furnished on this CD-ROM to view them.

AD/Cycle Interactive Presentation

This CD-ROM provides an interactive introduction to the IBM application development offerings, including an AD/Cycle overview, a list of products, and conceptual information.

You can view this presentation at your workstation, using the OS/2 VIEW facility. You can view graphics and text at your own pace, probably taking about 15 minutes.

The final set of screens in the presentation lists announced or available products. Each product with a bookshelf of online books included on this CD-ROM is marked by an asterisk.

This presentation is intended for use with OS/2 V2 and with XGA, 8514, or SVGA displays.

All of the files needed for this presentation are contained in the ADINTRO subdirectory of this CD-ROM. To begin the presentation from the CD-ROM, do the following:

1. Switch to the drive letter of the drive that contains the CD-ROM. For example, if your CD-ROM drive is `d`, enter:

   ```
   d:
   ```

2. Change to the ADINTRO directory on the CD-ROM. Enter:

   ```
   cd \adintro
   ```

3. To start the presentation, enter:

   ```
   adintro
   ```

However, for best performance, you should copy the files in the ADINTRO subdirectory (800 KB) onto your hard disk, and run the presentation from there. For an example of how to copy the files, see the file ADCOPY.CMD in the ADINTRO subdirectory of this CD-ROM. This command creates a directory called C:\ADINTRO, copies files to it, and runs ADINTRO.

To run ADCOPY, switch to the drive containing this CD-ROM, change the directory to ADINTRO, and enter:

```
adcopy
```

We'd like your feedback since this presentation is the first in a series intended to provide high level information about AD/Cycle framework, products, and services. Subsequent editions of this presentation will include updates along with audio and visual supplements and more in-depth conceptual information.

Please fax us at 408+463-4393, or send us a note at USIB4NT6 at IBMMAIL or adcpubs@vnet.ibm.com. (IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.)

Organization of Online Book Files on This CD-ROM

The BOOKENG.AGR, PLALRENG.AGR, SCRTENG.AGR, README.ENG, and READSCRT.TXT files are in the root directory.

The book and bookshelf search index files are in the BOOKS subdirectory. The bookshelf files are in the SHELVES subdirectory.

Installation, loading, and the IBM Library Reader program modules are in other subdirectories.

Getting Started

To use these online books on a workstation with a CD-ROM drive (or attached to a network equipped with a CD-ROM drive), you must use one of the following: the IBM Library Readers (provided on this CD-ROM), IBM BookManager READ/2 (Program No. 5601-454), or IBM BookManager READ/DOS (Program No. 5601-453).

To use the online books on an MVS system, you must transfer the files from this CD-ROM to MVS using the IBM Softcopy Receiver Tool, the IBM Bookshelf Upload Program for MVS, or a SEND capability. You must use IBM BookManager READ/MVS (Program No. 5695-046) to read them.

To use the online books on a VM system, you must transfer the files from this CD-ROM to VM using the IBM Softcopy Receiver Tool, the IBM Bookshelf Upload Program for VM, or a SEND capability. You must use IBM BookManager READ/VM (Program No. 5684-062) to read them.

Note: If you have already installed SCRT Version 1.0 or 1.1 on MVS or VM, you should reinstall Version 1.2, the improved version of the SCRT included on this CD-ROM. The READSCRT.TXT file on this CD-ROM contains installation instructions.

For software and hardware requirements for OS/2* and DOS workstations, see:

- *IBM Online Libraries: Softcopy Collection Kit User's Guide*, GC28-1700

- *IBM Online Library: Getting Started*, GC23-0545.

Both books are available online on this CD-ROM.

For directions on transferring the contents of CD-ROMs to a host, see:

- *IBM Online Library: Distributing and Customizing the Library*, GC23-3129
- *IBM Softcopy Receiver Tool: User's Guide*, GC23-3663.

Both books are available online on this CD-ROM.

For more information on the BookManager READ programs and selecting a CD-ROM drive for your system, contact your IBM representative or the IBM branch office serving your locality.

BookManager Tutorial

You can learn about BookManager READ/DOS using the tutorial included on this CD-ROM. The tutorial requires DOS Version 3.3 or later.

1. At the DOS prompt, change to the letter of your CD-ROM drive. For example, if it is `D`, type: `d:`
2. Change to the subdirectory that contains the tutorial. Type: `cd \tutor`
3. Start the tutorial. Type: `tutor`

Migrating from the Starter Kit

The IBM Online Library Starter Kit (SK2T-2071-00), published in May of 1992, provided a convenient way to set up a library of online books in your organization. Subsequently, many regularly-updated collections of online books, such as the one to which this booklet applies, have been published. The bookshelves in these subsequent collections are named according to a convention that was not in effect at the time the Starter Kit was published. As a result, if you uploaded

bookshelves from the Starter Kit and from subsequent collections to your host DASD, you may now have more than one copy of the same book with different names and the books from the Starter Kit may now be out-of-date.

All Starter Kit bookshelves begin with the same characters, EZ2. In contrast, the names of subsequent bookshelves (and books and bookshelf search indexes) begin with a three- or four-character component element prefix that is unique to each product library.

The information in Table 1 can help you delete from your system Starter Kit books that have been replaced by newer versions. If a new bookshelf exists, its prefix is listed in the table.

Note: The Starter Kit often contained multiple bookshelves for the same product library when that library applied to more than one platform. For example, the AD/Cycle LE/370 library applied to MVS and VM. This collection does not follow this practice.

Table 1 (Page 1 of 3). Current Names for Bookshelves That Were in the Starter Kit

Product Library in Starter Kit	Bookshelf Filename in Starter Kit	Prefix for New Bookshelf Filename
Ada/370 R2 (5706-292) and Ada Runtime Library/370 R2 (5706-295)	EZ2MVBEA, EZ2VMBEA	EVG
AD/Cycle COBOL/370 (5688-197)	EZ2MVBHA, EZ2VMBHA	IGY
AD/Cycle C/370 Compiler (5688-216)	EZ2MVBNA, EZ2VMBNA	EDC
AD/Cycle LE/370 (5688-198)	EZ2MVBQA, EZ2VMBQA	CEE
AD/Cycle RPG/400 V2 R1.1 (5738-RG1)	EZ2O4BTA	QBK

Table 1 (Page 2 of 3). Current Names for Bookshelves That Were in the Starter Kit

Product Library in Starter Kit	Bookshelf Filename in Starter Kit	Prefix for New Bookshelf Filename
ESSL: • ESSL Vector and Scalar/370 R4 (5668-863) • ESSL Scalar/370 R4 (5688-138) • AIX ESSL/6000 R4 (5621-060)	EZ2MVITA, EZ2VMITA, EZ2A3ITA, EZ2A6ITA	ESZ
OS PL/I Compiler, Library, and Interactive Test Facility V2 R3 (5668-909), OS PL/I Compiler and Library V2 R3 (5668-910), and OS PL/I Library V2 R3 (5668-911)	EZ2MVPEA, EZ2VMPEA	IBM
Repository Manager/MVS R2 (5665-461)	EZ2MVQWA	DWK
SAA CUA, CPI, and CCS	EZ2NPRNA	AM0
SATT R3 (5601-442)	EZ2O2RQA	FAK
VS COBOL II: • VS COBOL II Compiler and Library R3, R3.1, and R3.2 (5688-023) • VS COBOL II Library R3, R3.1, and R3.2 (5688-022) • VS COBOL II Compiler and Library with Debug R3, R3.1, and R3.2 (5668-958) • VS COBOL II Library with Debug R3 (5668-940)	EZ2MVUQA, EZ2VMUQA	IGY

Table 1 (Page 3 of 3). Current Names for Bookshelves That Were in the Starter Kit

Product Library in Starter Kit	Bookshelf Filename in Starter Kit	Prefix for New Bookshelf Filename
VS FORTRAN: • VS FORTRAN Compiler and Library V2 R5 (5688-087), • VS FORTRAN Compiler, Library, Interactive Debug V2 R5 (5668-806), and • VS FORTRAN Library V2 R5 (5668-805)	EZ2MVVQA, EZ2VMVQA	AFB
WITT R2 (5601-441)	EZ2O2WBA	FAJ

IBM AD/Cycle Collection Libraries

This section lists, by library, each product and its bookshelf, bookshelf search index, and book files on this CD-ROM.

A letter code in the first column of each table identifies files that are new or that have changed since they were last distributed on this collection kit. If more than one code applies, the code with the highest priority is shown. The codes, highest priority listed first, are:

N New (first time the online book is available)
T Technical change (new or changed information about the product)
S Service change (new or changed information that is not the result of a change to the product, for example, information added as result of reader's comments)
E Softcopy enhancement (modification of source files to facilitate BookManager features).

For a complete description of technical and service changes, see the "Summary of Changes" section within each book.

The approximate size of each file is shown in megabytes, rounded to the nearest hundredth (1MB = 1 000 000 bytes). The table and formulas in "Estimating Host DASD Storage Requirements" on page 58 help you convert megabytes into tracks and cylinders.

The books, bookshelves, and bookshelf search indexes in the IBM Online Library are named according to the following pattern: *bbbbbbss* Where:

bbbbbb is a six-character identifier for a book, bookshelf, or bookshelf search index; it is always the same for the book, bookshelf, or bookshelf search index to which it is assigned

ss is a two-digit sequence number that identifies the level of the book, bookshelf, or bookshelf search index; it increments by one each time a new level of the online book, bookshelf, or bookshelf search index is released.

All-AD/Cycle Collection Bookshelf

	Title	Order No.	Filename	MB
T	**Bookshelf**	N/A	CEEKIT04	0.09
T	**Bookshelf Search Index**	N/A	CEEKIT04	25.79
	Total Collection Size			**221.61**

AD/Cycle Application Development Manager/400 Version 2 Release 2

Full name: SAA AD/Cycle Application Development Manager/400 Version 2 Release 2
Program number: 5738-LM1

Title	Order No.	Filename	MB
Bookshelf	N/A	ADMSH000	0.00
Bookshelf Search Index	N/A	ADMSH000	0.18
Application Development Manager/400 V2R2 Concepts	GC09-1377-00	QBKA0D00	0.06
Application Development Manager/400 V2R2 Developer's Guide	SC09-1375-00	QBKA0A00	0.22
Application Development Manager/400 V2R2 Project Administrator's Guide	SC09-1376-00	QBKA0B00	0.19
Total size			**0.65**

AD/Cycle C/370 Release 1.1

Full name: SAA AD/Cycle C/370 Release 1.1
Program number: 5688-216

Title	Order No.	Filename	MB
Bookshelf	N/A	EDCCL001	0.00
Bookshelf Search Index	N/A	EDCCL001	0.54
AD/Cycle C/370 R1 General Information	GC09-1358-00	EDCGI000	0.69
AD/Cycle C/370 R1 Reference Summary	SX09-1247-00	EDCRS000	0.06
AD/Cycle C/370 R1.1 Migration Guide	SC09-1359-02	EDCMG001	0.14
AD/Cycle C/370 R1.1 Programming Guide	SC09-1356-01	EDCPG000	1.24
SAA CPI C Reference - Level 2	SC09-1308-02	RAAREF00	0.59
Total size			**3.27**

AD/Cycle COBOL Structuring Facility Version 2 Release 2

Full name: SAA AD/Cycle COBOL Structuring Facility for VM and MVS Version 2 Release 2
Program number: 5688-045

Title	Order No.	Filename	MB
Bookshelf	N/A	ECFSH001	0.00
Bookshelf Search Index	N/A	ECFIN001	0.19
AD/Cycle COBOL Structuring Facility V2R2 Guide and Reference	SC26-3078-00	ECFU1000	1.40
Total size			**1.59**

AD/Cycle COBOL/370

Full name: SAA AD/Cycle COBOL/370*
Program number: 5688-197

Title	Order No.	Filename	MB
Bookshelf	N/A	IGYSH004	0.00
Bookshelf Search Index	N/A	IGYIN004	0.94
AD/Cycle COBOL/370 General Information	GC26-4762-00	IGYGI100	0.20
AD/Cycle COBOL/370 Language Reference	SC26-4769-00	IGYLR100	0.74
AD/Cycle COBOL/370 Migration Guide	GC26-4764-01	IGYMG100	0.50
AD/Cycle COBOL/370 Planning	SC26-4766-00	IGYPL100	0.14
AD/Cycle COBOL/370 Programming Guide	SC26-4767-00	IGYPG100	0.91
AD/Cycle COBOL/370 Reference Summary	SX26-3788-00	IGYRS100	0.18
SAA CPI COBOL Level 2 Reference	SC26-4726-00	AM0C2000	0.63
Total size			**4.24**

AD/Cycle Collection Booklet

	Title	Order No.	Filename	MB
N	**Bookshelf**	N/A	EZ2ADS3S	0.00
N	**Bookshelf Search Index**	N/A	EZ2ADS3S	0.07
N	AD/Cycle Collection Booklet	Online only	EZ2ADB3S	0.09
	Total size			**0.16**

AD/Cycle CoOperative Development Environment

Full name: SAA AD/Cycle CoOperative Development Environment
Program numbers: 5688-194 (CODE/370), 5733-073 (CODE/400, Release 2.2)

Title	Order No.	Filename	MB
Bookshelf	N/A	EVFSH002	0.00
Bookshelf Search Index	N/A	EVFIN002	0.41
AD/Cycle CODE: Installing AD/Cycle CODE	SC26-4663-01	EVFI3002	0.90
AD/Cycle CODE: Debug Tool Reference	SC26-4664-00	EVFR1000	0.31
AD/Cycle CODE: Debug Tool Supplement for COBOL/400	SC26-3218-00	EVFU3000	0.18
AD/Cycle CODE: General Information	GC26-4661-00	EVFG1000	0.33
AD/Cycle CODE: Using the Debug Tool	SC26-4662-00	EVFU2000	0.90
Total size			**3.03**

AD/Cycle Dictionary Services/MVS Release 2

Full name: SAA AD/Cycle Dictionary Services/MVS Release 2
Program number: 5695-056

Title	Order No.	Filename	MB
Bookshelf	N/A	ECDSH001	0.00
Bookshelf Search Index	N/A	ECDIN001	0.09
AD/Cycle Dictionary Services/MVS R2 General Information	GC26-4800-01	ECDG1001	0.56
AD/Cycle Dictionary Services/MVS R2 User's Guide	SC26-3089-00	ECDU1000	1.84
Total size			**2.49**

AD/Cycle FastRef/2 Release 1.0

Full name: SAA AD/Cycle FastRef*/2 Release 1.0
Program number: 5695-105

Title	Order No.	Filename	MB
Bookshelf	N/A	FCAPSH00	0.00
Bookshelf Search Index	N/A	FCAPIN00	0.05
AD/Cycle FastRef/2 General Information	GC26-4863-00	FCAPG100	0.13
Total size			**0.18**

AD/Cycle FastRef/2 Release 1.1

Full name: SAA AD/Cycle FastRef*/2 Release 1.1
Program number: 5695-105

Title	Order No.	Filename	MB
Bookshelf	N/A	FCASH001	0.00
Bookshelf Search Index	N/A	FCAIN001	0.11
AD/Cycle FastRef/2 R1.1 User's Guide and Reference	SC26-3203-00	FCAU1000	2.67
Total size			**2.79**

AD/Cycle Information Model Release 2.3

Full name: SAA AD/Cycle Information Model Release 2.3
Program number: 5665-461

Title	Order No.	Filename	MB
Bookshelf	N/A	DWKIM000	0.00
Bookshelf Search Index	N/A	DWKIM000	1.49
AD/Cycle Info. Model R3.2 Guide to Constraint Checking	SC26-4844-04	DWKIC000	1.28
AD/Cycle Info. Model R3.2 Guide to the Enterprise Submodel	SC26-4845-02	DWKIE000	16.81
AD/Cycle Info. Model R3.2 Guide to the Technology Submodels	SC26-4841-01	DWKIT000	0.44
AD/Cycle Information Model R3.2 Overview	GC26-4843-03	DWKIV000	0.40
AD/Cycle Information Model R3.2 Reference Volume 1	SC26-4842-03	DWKR3000	2.54
AD/Cycle Information Model R3.2 Reference Volume 2	SC26-4842-03	DWKR4000	2.26
Total size			**25.22**

AD/Cycle LE/370 Release 1.1

Full name: SAA AD/Cycle Language Environment/370 Release 1.1
Program number: 5688-198

Title	Order No.	Filename	MB
Bookshelf	N/A	CEEBS001	0.00
Bookshelf Search Index	N/A	CEEIN001	0.61
AD/Cycle LE/370 R1 Concepts Guide	GC26-4786-00	CEEG1000	0.13
AD/Cycle LE/370 R1 Fact Sheet	GC26-4785-00	CEEF1000	0.05
AD/Cycle LE/370 R1.1 Debugging and Run-Time Messages Guide	SC26-4829-01	CEEM1001	0.52
AD/Cycle LE/370 R1.1 Planning for Installation and Customization	SC26-4817-01	CEEP1001	0.19
AD/Cycle LE/370 R1.1 Programming Guide	SC26-4818-01	CEEU1001	0.87
SAA CPI Language Environment Reference, Level 1	SC26-4970-00	AM0L1000	0.21
Total size			**2.59**

AD/Cycle LE/370 Release 2

Full name: SAA AD/Cycle Language Environment/370 Release 2
Program number: 5688-198

Title	Order No.	Filename	MB
Bookshelf	N/A	CEEBS002	0.00
Bookshelf Search Index	N/A	CEEIN002	0.92
AD/Cycle LE/370 R2 Concepts Guide	GC26-4786-01	CEEG1001	0.14
AD/Cycle LE/370 R2 Debugging and Run-Time Messages Guide	SC26-4829-02	CEEM1002	0.61
AD/Cycle LE/370 R2 Diagnosis Guide	SC26-3154-00	CEED1000	0.06
AD/Cycle LE/370 R2 Fact Sheet	GC26-4785-01	CEEF1001	0.05
AD/Cycle LE/370 R2 Installation and Customization under MVS and VM	SC26-4817-02	CEEP1002	0.35
AD/Cycle LE/370 R2 Programming Guide and Reference	SC26-4818-02	CEEU1002	1.57
SAA CPI Language Environment Reference, Level 1	SC26-4970-00	AM0L1000	0.21
Total size			**3.92**

AD/Cycle PL/I MVS and VM

Full name: IBM SAA AD/Cycle PL/I MVS and VM
Program number: 5688-235

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	IBM3SH01	0.00
E	**Bookshelf Search Index**	N/A	IBM3IN01	0.99
	AD/Cycle PL/I MVS & VM CMS Installation and Customization	SC26-3120-00	IBM3I100	0.11
	AD/Cycle PL/I MVS & VM Diagnosis Guide	SC26-3149-00	IBM3D100	0.09
	AD/Cycle PL/I MVS & VM Fact Sheet	GC26-3112-00	IBM3S100	0.04
	AD/Cycle PL/I MVS & VM Language Reference	SC26-3114-00	IBM3L100	0.69
	AD/Cycle PL/I MVS & VM Messages and Codes	SC26-3229-00	IBM3C100	0.42
N	AD/Cycle PL/I MVS & VM Migration Guide	SC26-3118-00	IBM3M100	0.11
	AD/Cycle PL/I MVS & VM MVS Installation and Customization	SC26-3119-00	IBM3V100	0.13
	AD/Cycle PL/I MVS & VM Programming Guide	SC26-3113-00	IBM3A100	0.95
	AD/Cycle PL/I MVS & VM Reference Summary	SX26-3821-00	IBM3R100	0.18
	SAA CPI PL/I Reference	SC26-4381-00	AM0P1000	0.56
	Total size			**4.27**

AD/Cycle PL/I Package/2

Full name: SAA AD/Cycle PL/I Package/2
Program number: 5601-388

Title	Order No.	Filename	MB
Bookshelf	N/A	IBMPSH01	0.00
Bookshelf Search Index	N/A	IBMPIN01	0.70
AD/Cycle PL/I Package/2 Installation	SX26-3822-00	IBMPI000	0.03
AD/Cycle PL/I Package/2 Language Environment Run-Time Messages	SC26-3133-00	IBMPE000	0.15
AD/Cycle PL/I Package/2 Language Reference	SC26-4823-00	IBMPL000	0.72
AD/Cycle PL/I Package/2 Programming Guide	SC26-4822-00	IBMPA000	0.69
AD/Cycle PL/I Package/2 Reference Summary	SX26-3793-00	IBMPR000	0.15
SAA CPI PL/I Reference	SC26-4381-00	AM0P1000	0.56
Total size			**3.00**

AD/Cycle Professional Documentation Manager

Full name: SAA AD/Cycle Professional Documentation Manager
Program number: 5648-005

Title	Order No.	Filename	MB
Bookshelf	N/A	DXV00000	0.00
Bookshelf Search Index	N/A	DXV00000	0.16
PrDM/MVS & VM: Document Administrator's Guide	SH12-5899-00	DXV0P000	2.64
PrDM/MVS & VM: System Administrator's Guide	SH12-5898-00	DXV0S000	0.62
PrDM/MVS & VM: User's Guide	SH12-5900-00	DXV0U000	7.83
Total size			**11.25**

AD/Cycle Prolog/MVS and VM Release 1.1

Full name: IBM SAA AD/Cycle Prolog/MVS and VM Release 1.1
Program number: 5696-309

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	ELBSHX03	0.00
E	**Bookshelf Search Index**	N/A	ELBINX03	0.83
T	AD/Cycle Prolog General Information	GH19-6886-00	ELBGIM02	0.15
	AD/Cycle Prolog/MVS & VM R1 Diagnosis Guide	SH19-6894-00	ELBDGX00	0.06
	AD/Cycle Prolog/MVS & VM R1 EF Reference	SH19-6897-00	ELBERX00	0.15
	AD/Cycle Prolog/MVS & VM R1 EF User's Guide	SH19-6896-00	ELBEGX00	0.14
N	AD/Cycle Prolog/MVS & VM R1.1 EF CICS/IMS Guide	SH19-6898-00	ELBECX01	0.06
T	AD/Cycle Prolog/MVS & VM R1.1 Installation Planning Guide	GH19-6895-00	ELBIPX03	0.06
T	AD/Cycle Prolog/MVS & VM R1.1 Language Reference	SH19-6893-00	ELBPRX03	1.54
T	AD/Cycle Prolog/MVS & VM R1.1 Programmer's Guide	SH19-6892-00	ELBPGX03	0.68
	Total size			**3.67**

AD/Cycle Prolog/2 Release 1.3

Full name: IBM SAA AD/Cycle Prolog/2 Release 1.3
Program number: 5696-308

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	ELBSH003	0.00
E	**Bookshelf Search Index**	N/A	ELBIN003	0.83
T	AD/Cycle Prolog General Information	GH19-6886-00	ELBGIM02	0.15
	AD/Cycle Prolog/2 R1 EF Reference	SH19-6891-00	ELBER000	0.20
	AD/Cycle Prolog/2 R1 EF User's Guide	SH19-6890-00	ELBEG000	0.22
T	AD/Cycle Prolog/2 R1.3 Language Reference	SH19-6888-00	ELBPR004	1.36
T	AD/Cycle Prolog/2 R1.3 PM Guide and Reference	SH19-6889-00	ELBPM004	0.37
T	AD/Cycle Prolog/2 R1.3 Programmer's Guide	SH19-6887-00	ELBPG004	0.86
	Total size			**3.98**

AD/Cycle TIRS

Full name: SAA AD/Cycle The Integrated Reasoning Shell*

Program numbers: 5621-003 (TIRS* Development/2, Release 3), 5621-004 (TIRS Runtime/2, Release 3), 5688-170 (TIRS Runtime/370, Release 2.2), 5688-171 (TIRS Builder/370, Release 2.2)

Title	Order No.	Filename	MB
Bookshelf	N/A	EWESH000	0.00
Bookshelf Search Index	N/A	EWEIN000	0.73
AD/Cycle TIRS Application Design and Development Guide	SH21-1006-02	EWEU3000	0.53
AD/Cycle TIRS General Information	GH21-1005-03	EWEG1000	0.16
AD/Cycle TIRS MVS Application Build and Run Guide	SH21-1014-02	EWEU2000	0.38
AD/Cycle TIRS MVS Runtime Guide	SH21-1042-02	EWEU6000	0.07
AD/Cycle TIRS Reference Manual	SH21-1007-03	EWER1000	1.00
AD/Cycle TIRS Runtime/2 Runtime Guide	SX26-3786-02	EWEU7000	0.07
AD/Cycle TIRS Subsystem Customization and Operation Guide	SH21-1047-01	EWEU1000	0.14
AD/Cycle TIRS VM Application Build and Run Guide	SH21-1015-02	EWEU4000	0.16
AD/Cycle TIRS VM Runtime Guide	SH21-1041-02	EWEU5000	0.05
Total size			**3.29**

AD/Cycle TranslationManager/2

Full name: SAA AD/Cycle TranslationManager/2
Program number: 5621-327

Title	Order No.	Filename	MB
Bookshelf	N/A	EQF00700	0.00
Bookshelf Search Index	N/A	EQF00700	0.08
AD/Cycle TranslationManager/2	SH12-5906-00	EQF0A700	0.32
AD/Cycle TranslationManager/2 Reference Card	SX12-5011-00	EQF0Z700	0.03
Total size			**0.43**

Ada/370 Release 3

Program numbers: 5706-292 (Base), 5706-295 (Runtime Library)

Title	Order No.	Filename	MB
Bookshelf	N/A	EVGADA00	0.00
Bookshelf Search Index	N/A	EVGADA00	0.69
Ada/370 R2 Language Reference	SC09-1297-01	EVGLR000	0.62
Ada/370 R2 SQL Module Processor User's Guide	SC09-1450-00	EVGSM000	0.17
Ada/370 R3 CICS Module Processor/MVS User's Guide	SC09-1499-00	EVGCM000	0.23
Ada/370 R3 Diagnosis Guide and Reference	SC09-1498-00	EVGDG000	0.08
Ada/370 R3 General Information	GC09-1413-02	EVGGI000	0.09
Ada/370 R3 Programmer's Guide	SC09-1414-02	EVGPG000	0.68
Ada/370 R3 User's Guide	SC09-1415-02	EVGUG000	0.50
Total size			**3.07**

Ada/370 Release 4

Program numbers: 5706-292 (Base), 5706-295 (RunTime Library)

	Title	Order No.	Filename	MB
N	**Bookshelf**	N/A	EVGADA01	0.00
N	**Bookshelf Search Index**	N/A	EVGADA01	0.72
	Ada/370 R2 Language Reference	SC09-1297-01	EVGLR000	0.62
	Ada/370 R2 SQL Module Processor User's Guide	SC09-1450-00	EVGSM000	0.17
	Ada/370 R3 CICS Module Processor/MVS User's Guide	SC09-1499-00	EVGCM000	0.23
	Ada/370 R3 Diagnosis Guide and Reference	SC09-1498-00	EVGDG000	0.08
N	Ada/370 R4 General Information	GC09-1413-03	EVGGI001	0.10
N	Ada/370 R4 Programmer's Guide	SC09-1414-03	EVGPG001	0.77
N	Ada/370 R4 User's Guide	SC09-1415-03	EVGUG001	0.53
	Total size			**3.22**

AS/400 Languages

Full name: Application System/400 Languages
Program Numbers: 5738-SS1 (OS/400), F728-BA1 (AS/400 BASIC), 5728-PS1 (AS/400 Pascal), 5728-PL1 (AS/400 PL/I), 5728-CX1 (C/400), 5738-CX1 (SAA C/400), 5728-CB1 (COBOL/400), 5738-CB1 (SAA COBOL/400), 5730-FT1 (FORTRAN/400), 5738-FT1 (SAA FORTRAN/400), 5728-RG1 (RPG/400), 5738-RG1 (SAA RPG/400), 5738-ST1 (SAA SQL/400)

Title	Order No.	Filename	MB
Bookshelf	N/A	QBKA4001	0.00
Bookshelf Search Index	N/A	QBKA4001	3.68
AS/400 FORTRAN/400 Reference	SC41-9844-00	QBKA4700	0.25
AS/400 FORTRAN/400 User's Guide	SC41-9845-00	QBKA4600	0.36
AS/400 Pascal Reference	SC09-1210-00	QBKA4901	0.47
AS/400 Pascal User's Guide	SC09-1209-00	QBKA4801	0.37
AS/400 SQL/400 Programmer's Guide	SC41-9609-02	QBKA7F02	0.81
AS/400 SQL/400 Reference	SC41-9608-02	QBKA7H02	0.43
BASIC User's Guide and Reference	SC09-1157-00	QBKA4200	1.13
C/400 User's Guide	SC09-1347-01	QBKA4101	0.55
COBOL/400 Reference	SC09-1380-01	QBKA4401	0.78
COBOL/400 User's Guide	SC09-1383-01	QBKA4301	1.45
EPM User's Guide and Reference	SC09-1294-00	QBKA4500	0.19
PL/I User's Guide and Reference	SC09-1156-00	QBKA4A01	1.06
Procedures Language (REXX) Programmer's Guide	SC24-5553-00	QBKA4B01	0.41
Procedures Language (REXX) Reference	SC24-5552-01	QBKA4C01	0.35
RPG/400 Reference	SC09-1349-01	QBKA4E01	2.47
RPG/400 User's Guide	SC09-1348-01	QBKA4D01	1.27

Title	Order No.	Filename	MB
SAA CPI C Reference	SC09-1308-01	QBKA4F02	0.50
SAA CPI RPG Reference	SC09-1286-01	QBKA4G01	1.55
System/36-Compatible COBOL User's Guide and Reference	SC09-1160-01	QBKAA501	1.62
System/36-Compatible RPG II User's Guide and Reference	SC09-1162-02	QBKAA802	5.29
System/38-Compatible COBOL User's Guide and Reference	SC09-1159-00	QBKAAA00	4.72
Total size			**29.72**

Assembler H Version 2

Program number: 5668-962

	Title	Order No.	Filename	MB
N	**Bookshelf**	N/A	IEVSH000	0.00
N	**Bookshelf Search Index**	N/A	IEVIN000	0.17
N	Assembler H V2 Language Reference	GC26-4037-01	IEVR1000	0.36
	Total size			**0.52**

C Set ++ Version 2

Program numbers: 61G1-175 (3.5 inch), 61G1-425 (5.25 inch)

	Title	Order No.	Filename	MB
N	**Bookshelf**	N/A	DDE4CS02	0.00
N	**Bookshelf Search Index**	N/A	DDE4CS02	1.14
N	C/C++ Tools: Browser Introduction	S61G-1397-00	DDE4BI00	0.34
N	C/C++ Tools: C Language Reference	S61G-1399-00	DDE4CR00	0.30
N	C/C++ Tools: C Library Reference	S61G-1183-00	DDE4LB00	0.81
N	C/C++ Tools: C++ Language Reference	S61G-1185-00	DDE4CP00	0.48
N	C/C++ Tools: Collection Class Library Reference	S61G-1178-00	DDE4CC00	0.39
N	C/C++ Tools: Debugger Introduction	S61G-1184-00	DDE4DB00	0.06
N	C/C++ Tools: EXTRA Introduction	S61G-1398-00	DDE4XI00	0.05
N	C/C++ Tools: Programming Guide	S61G-1181-00	DDE4PG00	0.54
N	C/C++ Tools: Standard Class Library Reference	S61G-1180-00	DDE4SC00	0.40
N	C/C++ Tools: User Interface Class Library Guide	S71G-2230-00	DDE4UL00	1.22
N	C/C++ Tools: User Interface Class Library Reference	S61G-1179-00	DDE4UI00	0.72
N	WorkFrame/2 Introduction	S10G-4475-01	DDE3WF00	0.03
	Total size			**6.47**

C Set/2

Program numbers: 10G2-996 (3.5 inch), 10G3-293 (5.25 inch)

Title	Order No.	Filename	MB
Bookshelf	N/A	DDE4CS01	0.00
Bookshelf Search Index	N/A	DDE4CS01	0.53
C Set/2 Debugger Tutorial	S10G-4447-00	DDE4DB01	0.36
C Set/2 Migration Guide	S10G-4445-00	DDE4MG00	0.30
C Set/2 User's Guide	S10G-4444-00	DDE4UG00	0.67
SAA CPI C Reference - Level 2	SC09-1308-02	RAAREF00	0.59
Total size			**2.44**

COBOL and CICS/VS Command Level Conversion Aid Release 1.6

Program number: 5785-ABJ

	Title	Order No.	Filename	MB
N	**Bookshelf**	N/A	LCPSH000	0.00
N	**Bookshelf Search Index**	N/A	LCPSH000	0.15
N	COBOL and CICS/VS Command Level Conversion Aid Prog. Desc. and Op.	SB11-6432-04	LCPR1100	0.36
	Total size			**0.51**

Cross System Product Set

Full name: SAA Cross System Product Set

Program numbers: 5688-195 (CSP/2 Runtime Services, Release 1.1), 5688-205 (CSP/2 Application Development, Release 1.1), 5688-206 (CSP/370 Runtime Services, Release 2.1), 5688-218 (CSP/370 Application Development, Release 4.1)

Title	Order No.	Filename	MB
Bookshelf	N/A	EZESET00	0.00
Bookshelf Search Index	N/A	EZESET00	1.54
Cross Sys Prod Administering on MVS	SH23-6517-00	EZEADM00	0.25
Cross Sys Prod Commands and Utilities	SH23-6544-00	EZECMD00	0.29
Cross Sys Prod Defining and Testing Applications	SH23-6521-00	EZEDEF00	0.37
Cross Sys Prod Designing and Developing Applications	SH23-6522-00	EZEDES00	0.44
Cross Sys Prod External Source Format	SH23-6526-00	EZEESF00	0.21
Cross Sys Prod External Source Format Summary	SH23-6527-00	EZEESM00	0.06
Cross Sys Prod General Information	GH23-6515-00	EZEGIM00	0.17
Cross Sys Prod Generating Applications	SH23-6541-00	EZEGEN00	0.27
Cross Sys Prod Master Index, Glossary, and Library Guide	GH23-6542-00	EZEGLS00	0.39
Cross Sys Prod Messages, Codes, and Problem Diagnosis	SH23-6523-00	EZEMSG00	0.66
Cross Sys Prod Planning	SH23-6516-00	EZEPLN00	0.26
Cross Sys Prod Reference	GH23-6524-00	EZEREF00	0.65
Cross Sys Prod Reference Summary	SH23-6525-00	EZERSM00	0.05

Title	Order No.	Filename	MB
Cross Sys Prod Running Applications	SH23-6543-00	EZERUN00	0.11
Cross Sys Prod Sample Applications	GH23-6528-00	EZESMP00	1.17
CSP/2AD Licensed Program Specifications	GH23-6531-00	EZELWD00	0.02
CSP/2RS Licensed Program Specifications	GH23-6533-00	EZELWR00	0.03
CSP/370AD Program Directory	SN28-0040-00	EZEPDA00	0.14
CSP/370AD V4 Licensed Program Specifications	GH23-6530-00	EZELHD00	0.03
CSP/370RS Program Directory	SN28-0039-00	EZEPDR00	0.16
CSP/370RS V2 Licensed Program Specifications	GH23-6532-00	EZELHR00	0.03
Total size			**7.31**

ESSL Version 2

Full name: Engineering and Scientific Subroutine Library Version 2
Program numbers: 5688-226 (ESSL Vector and Scalar/370), 5765-042 (AIX ESSL/6000)

Title	Order No.	Filename	MB
Bookshelf	N/A	ESZBS001	0.00
Bookshelf Search Index	N/A	ESZIN001	0.27
ESSL V2 Online Reference Summary	SC23-0526-00	ESZORS03	0.63
Total size			**0.90**

High Level Assembler/MVS and VM and VSE

Program number: 5696-234

Title	Order No.	Filename	MB
Bookshelf	N/A	ASMSH000	0.00
Bookshelf Search Index	N/A	ASMIN000	0.46
High Level Assembler Diagnosis Guide	SC26-3110-00	ASMD1000	0.07
High Level Assembler General Information	GC26-4943-00	ASMG1000	0.14
High Level Assembler Installation	SC26-4942-00	ASMI1000	0.17
High Level Assembler Language Reference	SC26-4940-00	ASMR1000	0.48
High Level Assembler Programmer's Guide	SC26-4941-00	ASMP1000	0.52
Total size			**1.84**

ISPF/PDF Version 3 Release 4 SCLM

Full name: ISPF/PDF Version 3 Release 4 Software Configuration and Library Manager
Program number: 5665-402

Title	Order No.	Filename	MB
Bookshelf	N/A	ISRSET00	0.00
Bookshelf Search Index	N/A	ISRSET00	0.43
ISPF/PDF V3R4 Software Config. and Library Manager Guide and Ref.	SC34-4254-02	ISRSHE00	1.98
Total size			**2.41**

ISPF/PDF Version 3 Release 5 SCLM

Full name: ISPF/PDF Version 3 Release 5 Software Configuration and Library Manager
Program number: 5665-402

Title	Order No.	Filename	MB
Bookshelf	N/A	ISRSET01	0.00
Bookshelf Search Index	N/A	ISRSET01	0.48
ISPF/PDF V3R5 Software Config. and Library Manager Guide and Ref.	SC34-4254-03	ISRSHE01	2.14
Total size			**2.61**

OS PL/I Version 2 Release 3

Program numbers: 5668-909 (Compiler, Library, and Interactive Test Facility), 5668-910 (Compiler and Library), 5668-911 (Library)

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	IBMOSH01	0.00
E	**Bookshelf Search Index**	N/A	IBMOIN01	1.03
E	OS PL/I V2R3 Messages and Codes	SC26-4309-02	IBMOM001	0.63
E	OS PL/I V2R3 Programming: Guide	SC26-4307-02	IBMOP001	2.11
E	OS PL/I V2R3 Programming: Language Reference	SC26-4308-02	IBMOL001	0.81
E	SAA CPI PL/I Reference	SC26-4381-00	AM0P1000	0.56
	Total size			**5.14**

Personal AS/2 Version 2

Full name: SAA Personal Application System/2 Version 2
Program numbers: 5669-385 (Personal AS Project Management/2), 5669-386 (Personal AS Business Planning/2), 5669-387 (Personal AS Statistics/2), 5669-388 (Personal AS Development/2), 5669-389 (Personal AS/2)

Title	Order No.	Filename	MB
Bookshelf	N/A	EFDA1D00	0.00
Bookshelf Search Index	N/A	EFDA1D00	0.72
Personal AS Business Planning/2 V2	SH45-5065-00	EOJA1A00	1.21
Personal AS Business Planning/2 V2 Messages	SH45-5057-00	EOJA1B00	0.06
Personal AS Development/2 V2	SH45-5069-00	EONA1A00	0.95
Personal AS Development/2 V2 Getting Started	SH45-5063-00	EONA1C00	0.77
Personal AS Development/2 V2 Messages	SH45-5056-00	EONA1B00	0.12
Personal AS Project Management/2 V2 Getting Started	SH45-5066-00	EOKA1A00	1.64
Personal AS Project Management/2 V2 Messages	SH45-5058-00	EOKA1B00	0.12
Personal AS Statistics/2 V2	SH45-5064-00	EOLA1A00	0.22
Personal AS Statistics/2 V2 Messages	SH45-5059-00	EOLA1B00	0.07
Personal AS/2 V2 Getting Started	SH45-5061-00	EFDA1B00	1.36
Personal AS/2 V2 Installing and Maintaining	SH45-5062-00	EFDA1A00	0.23
Personal AS/2 V2 Messages	SH45-5078-00	EFDA1C00	0.34
Total size			**7.83**

Repository Manager/MVS Release 2

Full Name: Repository Manager*/MVS Release 2
Program number: 5665-461

Title	Order No.	Filename	MB
Bookshelf	N/A	DWKRM000	0.00
Bookshelf Search Index	N/A	DWKRM000	1.35
Repository Manager/MVS R2 General Information	GC26-4608-01	DWKG1000	0.10
Repository Manager/MVS R2 Guide for Users and Administrators	SC26-4612-01	DWKU1000	0.63
Repository Manager/MVS R2 Installation Planning	SC26-4613-01	DWKI1000	0.21
Repository Manager/MVS R2 Programming Guide	SC26-4621-01	DWKU3000	0.77
Repository Manager/MVS R2 Programming Reference	SC26-4622-01	DWKR2000	1.13
Repository Manager/MVS R2 Repository Modeling Guide	SC26-4619-01	DWKU2000	0.85
Repository Manager/MVS R2 Repository Modeling Reference	SC26-4620-01	DWKR1000	0.18
Repository Manager/MVS R2 SAA CPI Repository Reference	SC26-4684-00	DWKR0000	0.29
Repository Manager/MVS R2 Security Administration	SC26-4615-01	DWKU5000	0.18

Title	Order No.	Filename	MB
Repository Manager/MVS R2 Storage View Administration	SC26-4616-01	DWKU4000	0.43
Total size			**6.13**

SAA Common User Interface

	Title	Order No.	Filename	MB
N	**Bookshelf**	N/A	CEESL002	0.00
N	**Bookshelf Search Index**	N/A	CEESL002	0.35
N	CUA Basic Interface Design Guide	SC26-4583-00	F29BDG00	4.67
N	Object-Oriented Interface Design	SC34-4399-00	F29AL000	13.91
	Total size			**18.93**

SAA Language References

Title	Order No.	Filename	MB
Bookshelf	N/A	CEESL001	0.00
Bookshelf Search Index	N/A	CEESL001	0.94
SAA Common Programming Interface: Summary	GC26-4675-03	AM0M1003	0.18
SAA CPI C Reference - Level 2	SC09-1308-02	RAAREF00	0.59
SAA CPI COBOL Level 1 Reference	SC26-4354-02	AM0C1002	0.57
SAA CPI COBOL Level 2 Reference	SC26-4726-00	AM0C2000	0.63
SAA CPI FORTRAN Reference	SC26-4357-02	AM0F1002	0.18
SAA CPI PL/I Reference	SC26-4381-00	AM0P1000	0.56
SAA CPI REXX Level 2 Reference	SC24-5549-01	E04A2A01	0.39
SAA Language Environment Interface	SC26-4970-00	AM0L1000	0.21
Total size			**4.26**

SATT Release 3

Full name: Software Analysis Test Tool Release 3
Program number: 5601-442

Title	Order No.	Filename	MB
Bookshelf	N/A	FAKSH000	0.00
Bookshelf Search Index	N/A	FAKIN000	0.11
SATT General Information	GC26-4671-03	FAKG1000	0.11
SATT R3 User's Guide	SC26-4678-03	FAKU1000	0.63
Total size			**0.84**

SATT Release 3.2

Full name: Software Analysis Test Tool Release 3.2
Program number: 5601-442

Title	Order No.	Filename	MB
Bookshelf	N/A	FAKSH001	0.00
Bookshelf Search Index	N/A	FAKIN001	0.11
SATT General Information	GC26-4671-03	FAKG1000	0.11
SATT R3.2 User's Guide	SC26-4678-04	FAKU1001	0.76
Total size			**0.98**

VS COBOL II Release 3.2

Program numbers: 5668-958 (Compiler and Library with Debug), 5688-023 (Compiler and Library), 5688-022 (Library)

Title	Order No.	Filename	MB
Bookshelf	N/A	IGYSH005	0.00
Bookshelf Search Index	N/A	IGYIN005	1.43
DOS/VS COBOL to VS COBOL II R3.2 Migration	GC26-4698-00	IGYM2100	0.32
OS/VS COBOL to VS COBOL II R3.2 Migration	GC26-4524-01	IGYM1100	0.35
SAA CPI COBOL Reference	SC26-4354-02	AM0C1002	0.57
VS COBOL II R3.2 Appl. Programming Guide for VSE	SC26-4697-00	IGYA2100	0.68
VS COBOL II R3.2 Appl. Programming Reference Summary	SX26-3721-04	IGYR1100	0.16
VS COBOL II R3.2 Appl. Programming: Debugging	SC26-4049-04	IGYC1100	0.66
VS COBOL II R3.2 Application Programming Guide	SC26-4045-04	IGYA1100	0.84
VS COBOL II R3.2 General Information	GC26-4042-07	IGYG1100	0.13
VS COBOL II R3.2 Installation/Customization: CMS	SC26-4213-04	IGYI2100	0.22
VS COBOL II R3.2 Installation/Customization: MVS	SC26-4048-04	IGYI1100	0.24
VS COBOL II R3.2 Installation/Customization: VSE	SC26-4696-00	IGYI3100	0.20

Title	Order No.	Filename	MB
VS COBOL II R3.2 Language Reference	GC26-4047-06	IGYL1100	0.72
Total size			**6.53**

VS COBOL II Release 4

Program numbers: 5668-958 (Compiler and Library with Debug), 5688-023 (Compiler and Library), 5688-022 (Library)

Title	Order No.	Filename	MB
Bookshelf	N/A	IGYSH006	0.00
Bookshelf Search Index	N/A	IGYIN006	1.52
SAA CPI COBOL Reference	SC26-4354-02	AM0C1002	0.57
VS COBOL II R4 Appl. Programming Debugging	SC26-4049-05	IGYC1101	0.73
VS COBOL II R4 Appl. Programming Guide	SC26-4045-05	IGYA1101	0.91
VS COBOL II R4 Appl. Programming Guide for VSE	SC26-4697-01	IGYA2101	0.72
VS COBOL II R4 Appl. Programming Language Reference	GC26-4047-07	IGYL1101	0.72
VS COBOL II R4 General Information	GC26-4042-08	IGYG1101	0.14
VS COBOL II R4 Installation/Customization: CMS	SC26-4213-05	IGYI2101	0.21
VS COBOL II R4 Installation/Customization: MVS	SC26-4048-05	IGYI1101	0.25
VS COBOL II R4 Installation/Customization: VSE	SC26-4696-01	IGYI3101	0.22
VS COBOL II R4 Migration Guide for MVS and CMS	GC26-3151-00	IGYM1101	0.40
VS COBOL II R4 Migration Guide for VSE	GC26-3150-00	IGYM2101	0.38
VS COBOL II R4 Reference Summary	SX26-3721-05	IGYR1101	0.18
Total size			**6.92**

VS FORTRAN Version 2 Release 5

Program numbers: 5668-805 (Library), 5668-806 (Compiler, Library, and Interactive Debug), 5688-087 (Compiler and Library)

Title	Order No.	Filename	MB
Bookshelf	N/A	AFBSH000	0.00
Bookshelf Search Index	N/A	AFBIN000	0.70
SAA CPI FORTRAN Reference	SC26-4357-02	AM0F1002	0.18
VS FORTRAN V2R5 Language and Library Reference	SC26-4221-07	AFBR1000	0.83
VS FORTRAN V2R5 Programming Guide--CMS, MVS	SC26-4222-06	AFBU2000	1.10
Total size			**2.82**

WITT Version 1 Release 2

Full name: Workstation Interactive Test Tool Version 1 Release 2
Program number: 5601-441

Title	Order No.	Filename	MB
Bookshelf	N/A	FAJSH000	0.00
Bookshelf Search Index	N/A	FAJIN000	0.11
WITT V1R2 General Information	GC26-4670-03	FAJG1000	0.07
WITT V1R2 User's Guide	SC26-4677-02	FAJU1000	0.63
Total size			**0.80**

WITT Version 2

Full name: Workstation Interactive Test Tool Version 2
Program number: 5648-031

Title	Order No.	Filename	MB
Bookshelf	N/A	FAJSH001	0.00
Bookshelf Search Index	N/A	FAJIN001	0.16
WITT V2 Command Reference	SC26-3214-00	FAJR1000	0.20
WITT V2 User's Guide	SC26-3054-00	FAJU1001	0.79
Total size			**1.15**

Online Library Reference Information

The following reference publications on using online books and libraries are included on this CD-ROM:

Table 2. Online Library Reference Information

Abbreviated title	Order #	Filename	Mb
Bookshelf	N/A	**AB0RWT03**	0.01
Bookshelf Search Index	N/A	**AB0RWT03**	0.29
IBM Online Library: Softcopy Collection Kit User's Guide	GC28-1700-00	AB0HEV00	0.93
IBM SCRT: User's Guide	GC23-3663-02	EBR00102	0.08
READ/DOS: General Information	GB35-0816-01	EOZ01M01	0.07
READ/DOS and Library Reader/DOS: Displaying Online Books	SB35-0069-00	EOZ2LM00	0.18
READ/2: General Information	GB35-0800-01	EPA01M01	0.29
READ/2 and Library Reader/2: Displaying Online Books	SB35-0070-00	EPA3LM00	0.79
IBM Online Library: Distributing and Customizing	GC23-3129-01	EZ2DCB00	0.09
IBM Online Library: Getting Started	GC23-0545-00	EZ2GSB00	0.06
Library Size in MB: 2.79			

Estimating Host DASD Storage Requirements

Use the following table and formulas to determine the approximate number of tracks or cylinders needed to upload files to host direct access storage devices.

Device	MB per Track	MB per Cylinder
3380	.040	.600
3390	.048	.720
9340	.040	.600

Formulas:

1. Mb to upload = Mb of books + Mb of bookshelves + Mb of search indexes
2. Approximate tracks = Mb to upload ÷ Mb per track
   Approximate cylinders = Mb to upload ÷ Mb per cylinder

Installing or Updating the IBM Online Library

This CD-ROM includes a program to help you install and set up an IBM Online Library. The program installs or updates the IBM Library Reader on your hard disk and updates your workstation so that you can access the online book files. If you already have the IBM Library Reader, BookManager READ/2, or BookManager READ/DOS installed and you are adding a new collection of IBM online books, you should still run the installation program to set up your book and bookshelf search path so you can access the online book files.

Notes:

1. If you are using Microsoft** Windows**, you must exit Windows before executing the DOS installation program for the IBM Library Reader.
2. For information on transferring the IBM Library Reader to workstations without CD-ROM drives, see *IBM Online Library: Getting Started OS/2 and DOS Editions*, GC23-0545 (available as an online book on this CD-ROM).

Installing or Updating from a CD-ROM

The IBM Library Reader installation program installs the IBM Library Reader on your hard disk and updates your book and bookshelf search path to include the books and bookshelves on the CD-ROM. To run the installation program, do the following:

1 Make sure that the CD-ROM drive is turned on; then insert this CD-ROM in the drive by doing one of the following:

- If you are using a CD-ROM drive that requires a caddy, such as the IBM 3510, do the following:
  - **a.** Open the CD-ROM caddy by squeezing the tabs on each corner of one end of the caddy and lifting the cover.

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b. Place the CD-ROM in the caddy so the printed side shows through the clear plastic cover.

c. Close the cover. Make sure that the CD-ROM is not caught under the cover.

d. With the cover facing up, insert the caddy into the CD-ROM drive. The arrow on the caddy points into the drive.

- If you are using a CD-ROM drive that does not require a caddy, simply insert the CD-ROM into the drive, usually with the printed side up.
- If you are not sure how to use your CD-ROM drive, refer to the instruction manual that came with it to learn how to insert CD-ROMs correctly.

2 Go to an OS/2 or DOS command prompt to install the OS/2 or DOS version of IBM Library Reader respectively. If you want to install both versions, follow these instructions to install the OS/2 version first, then return here and install the DOS/version.

3 Switch to the drive letter of the CD-ROM drive that contains the IBM Library Reader. For example, if your CD-ROM drive is `d`, type: `d:`

4 Change to the directory on the CD-ROM that contains the IBM Library Reader. Type: `cd \ez2inst`

5 To start the IBM Library Reader installation program, type: `install`

Panel 1 should appear on your screen

6 After reading panel 1, press PgDn.

7 On Panel 2, make a selection that applies to your workstation. Type the number of your selection if you need to, and press PgDn to continue.

8 On Panel 3, do the following:

a. Type the drive letters for any drives on which you plan to store online book files. The drives you can select are listed at the top of the screen. You should include your CD-ROM drives and any hard disks on which you plan to store online book files.

   Note: If you need help with this or the following items in this section, move the cursor to the item on which you need help and press F1.

b. Make sure that the directory named is correct.

c. Make sure that the configuration file or profile named is correct.

d. When you are satisfied that this panel is correct, press F10 to install the IBM Library Reader or to update your IBM Library Reader or BookManager READ.

9 When the installation program is done, the instructions on the screen tell you either to shut down and restart your system or to start the IBM Library Reader or BookManager READ.

If you do not need to shut down your system, you can continue with "Opening the IBM Online Library" on page 64.

If you must shut down and restart your system, do one of the following:

For OS/2 Version 2.0:

a. Click on your desktop (an unoccupied part of the screen).

b. In the window that appears, select `Shutdown`

c. When the shutdown is complete, restart your system by pressing Ctrl+Alt+Del.

d. When your system is running again, continue with "Opening the IBM Online Library" on page 64.

For OS/2 Version 1.3:

a. Go to your Desktop Manager window, and on the action bar, select `Desktop`.

b. In the window that appears, select `Shutdown...`.

c. In the `Shutdown` window that appears, select `Shutdown`.

d. When the shutdown is complete, restart your system by pressing Ctrl+Alt+Del.

e. When your system is running again, continue with "Opening the IBM Online Library" on page 64.

For DOS:

a. Press Ctrl+Alt+Del.

b. When your system is running again, continue with "Opening the IBM Online Library."

Opening the IBM Online Library

After you finish the IBM Library Reader installation program, you can open the IBM Online Library and use the IBM Library Reader or BookManager READ to list the bookshelves on the CD-ROM and select and view online books.

Listing Bookshelves When Opening an Online Library

1 Open the IBM Online Library:

For OS/2 Version 2.0:

Open the `IBM Online Library` folder and select the library you want.

For OS/2 Version 1.3:

Go to your `Desktop Manager` window and select `IBM Online Library`. The `Group - IBM Online Library` window appears. In that window, select the library you want.

For OS/2 Version 1.3 or Version 2.0:

You may also start the IBM Library Reader or BookManager READ from an OS/2 command prompt.

To start IBM Library Reader/2, go to an OS/2 command prompt and type:
`readibm /ds`

To start BookManager READ/2, go to an OS/2 command prompt and type: `bookmgr /s`

For DOS:

To start IBM Library Reader/DOS, go to a DOS command prompt and type: `readibm *.bks`

To start BookManager READ/DOS, go to a DOS command prompt and type: `bookmgr *.bks`

2 When the IBM Library Reader or BookManager READ starts, it displays a `WELCOME` panel.

Press ENTER to remove the `WELCOME` panel from the screen; a list of all available bookshelves is displayed.

This list may include:

- All the IBM bookshelves on other drives to which you have access.
- All your personal bookshelves, if you have customized the IBM Online Library and created personal bookshelves on your hard disk.

Note: Depending on how you customized your bookshelves, the list may only show your personal bookshelves. For more information on customizing bookshelves, see the book *IBM Online Library: Distributing and Customizing the Library*, GC23-3129, available as an online book on this CD-ROM.

3 You are now ready to begin viewing the books on this CD-ROM.

Receiving Books and Bookshelves Using the SCRT

You can use the IBM Softcopy Receiver Tool (SCRT) Version 1.2 (program number 5648-032), to select and receive online books and bookshelves from IBM CD-ROMs onto the hard disk in your OS/2 or DOS workstation or to DASD on your MVS or VM host.

For MVS and VM Hosts:

Install the SCRT on your host, then use it with Optical Media Attach/2 on a channel-attached PS/2 workstation. For installation instructions, see the READSCRT.TXT file in the root directory on this CD-ROM. For information on using the SCRT from your host, see the *IBM Softcopy Receiver Tool: User's Guide,* GC23-3663. An online version of this book is included on this CD-ROM.

For OS/2 or DOS Workstations:

Do the following:

1. Insert the CD-ROM from which you want to receive books into your CD-ROM drive.
2. Change to the drive letter that contains the CD-ROM. For example, if the drive letter is `D`, type: `d:`
3. Change to the directory that contains the SCRT. Type: `cd \scrt`
4. Start the SCRT.

   For OS/2:
   Type: `ebrscrt2`

   Note: Do not run the SCRT in more than one session at the same time on an OS/2 workstation.

   For DOS:
   Type: `ebrscrt`

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The `Setup Options` window appears on your screen.

5 Follow the instructions in the `Setup Options` window and in the windows that follow it. If you need help, press F1.

6 After the SCRT receives the books you chose and you exit the SCRT, you can replace the CD-ROM in the drive with another CD-ROM.

7 Open the IBM Online Library.

The list of bookshelves will include the bookshelves you previously received in addition to the bookshelves on the CD-ROM currently in the CD-ROM drive.

Note: You must have transferred the books and bookshelves into a `\BOOKS` directory on a hard disk that is included in your BookManager book and bookshelf search path. If this directory is not in your configuration file, you can run the IBM Library Reader Installation program to update your configuration file.

If you received books without their bookshelves, you can do one of the following:

- Add the books to an existing personal bookshelf
- Create a personal bookshelf for them
- Go to an OS/2 or DOS prompt and type the following to open the IBM Online Library and ask to see one of the books you received:

  For an IBM Library Reader:
  Type: `readibm` *`book-name`*`.boo`

  For an IBM BookManager READ:
  Type: `bookmgr` *`book-name`*`.boo`

Warning: If you have access to a large number of books, opening the IBM Online Library and asking to see **all** books and bookshelves takes a very long time. Doing this is not recommended.

For more complete information on using the SCRT, see the *IBM Softcopy Receiver Tool: User's Guide* (filename EBR00102), available as an online book on this CD-ROM.

Questions, Problems, or Suggestions?

If you have a question, problem, or suggestion regarding the use of this CD-ROM or the information contained on it, please do one of the following:

- Within the United States, contact the IBM Support Center, 1+800+237-5511. Be prepared to provide your customer number (access code) and state either the product identifier "Softcopy Publications" or ask for the SCKIT service queue. Non-U.S. customers should contact IBM through their usual service channel.
- FAX your comments to IBM:
  United States & Canada: 408+463-4393
- Mail your comments to:
  IBM Corporation
  Department 46ZA Mail Station 936
  1 Neighborhood Road
  Kingston, NY 12401-1099
  United States of America
- Send your comments online. Use USIB4NT6 at IBMMAIL for IBMMAIL correspondence.
- Print a reader's comment form from an online book on this CD-ROM and FAX or mail it to IBM.

If faxing or mailing your comment, please reference the CD-ROM's order number (SK2T-1237-04), and if you would like a reply, include your name and address, and your phone or FAX number.

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Contents Of This CD-ROM

This CD-ROM contains the AD/Cycle Collection libraries in online book (softcopy) form. Use the IBM Library Reader/2 or IBM Library Reader/DOS (included on this CD-ROM) or the IBM BookManager READ programs for workstations and host systems to view these books.

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